

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 04703/0202167-USO
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/516520</b>
INTERNATIONAL APPLICATION NO. PCT/JP03/06740	INTERNATIONAL FILING DATE <b>29 May 2003</b> <del>4 December 2003</del>	PRIORITY DATE CLAIMED 29 May 2002
TITLE OF INVENTION SYSTEM FOR PRODUCING ALLOY CONTAINING RARE EARTH METAL		
APPLICANT(S) FOR DO/EO/US Kazuhiko Yamamoto et al.		

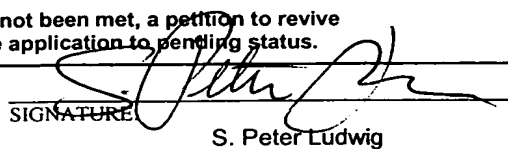
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☒ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☒ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Affirmation of Priority and a copy of PCT/IB/304 Return Receipt Postcard

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/516520</b>	INTERNATIONAL APPLICATION NO. <b>PCT/JPO3/06740</b>	ATTORNEY'S DOCKET NUMBER <b>04703/0202167-USO</b>																												
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1110.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$950.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$790.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$750.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		<b>CALCULATIONS PTO USE ONLY</b>          <table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;">950.00</td> </tr> <tr> <td>\$</td> <td></td> </tr> </table>	\$	950.00	\$																									
\$	950.00																													
\$																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>10-20 =</td> <td></td> <td>x</td> </tr> <tr> <td>Independent claims</td> <td>1-3 =</td> <td></td> <td>x</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+</td> </tr> <tr> <td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td></td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	10-20 =		x	Independent claims	1-3 =		x	MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	<b>TOTAL OF ABOVE CALCULATIONS =</b>				<table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;">0.00</td> </tr> <tr> <td>\$</td> <td>0.00</td> </tr> <tr> <td>\$</td> <td></td> </tr> <tr> <td>\$</td> <td>950.00</td> </tr> </table>	\$	0.00	\$	0.00	\$		\$	950.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																											
Total claims	10-20 =		x																											
Independent claims	1-3 =		x																											
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+																											
<b>TOTAL OF ABOVE CALCULATIONS =</b>																														
\$	0.00																													
\$	0.00																													
\$																														
\$	950.00																													
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		<table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;">475.00</td> </tr> </table>	\$	475.00																										
\$	475.00																													
<b>SUBTOTAL =</b>		<table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;">475.00</td> </tr> </table>	\$	475.00																										
\$	475.00																													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).		<table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$																											
\$																														
<b>TOTAL NATIONAL FEE =</b>		<table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;">475.00</td> </tr> </table>	\$	475.00																										
\$	475.00																													
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		<table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$																											
\$																														
<b>TOTAL FEES ENCLOSED =</b>		<table style="width: 100%;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;">475.00</td> </tr> </table>	\$	475.00																										
\$	475.00																													
		<table style="width: 100%;"> <tr> <td style="width: 60%;">Amount to be refunded:</td> <td style="width: 40%;">\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>	Amount to be refunded:	\$	Amount to be charged:	\$																								
Amount to be refunded:	\$																													
Amount to be charged:	\$																													
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>475.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-0100</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																														
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.																														
SEND ALL CORRESPONDENCE TO: S. Peter Ludwig DARBY & DARBY P.C. P.O. Box 5257 New York, New York 10150-5257 (212) 527-7770 CUSTOMER NUMBER: 07278																														
		SIGNATURE  NAME <u>S. Peter Ludwig</u> REGISTRATION NUMBER <u>25,351</u>																												

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 04703/0202167-US0

**Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. 70382052305 in an envelope addressed to:

MS ~~Pat~~ DO/EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on November 29, 2004  
Date



Signature

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pages)  
Application Data Sheet (3 pages)  
Affirmation of Priority and a copy of PCT/IB/304  
English language translation of the International application: Specification (29 pages); Claims (3 pages); Abstract (1 page)  
Figs. 1-6 (6 pages)  
Information Disclosure Statement; Form PTO SB/08; A copy of International Search Report; and five (3) documents  
Check No. 6860 in the amount of \$475.00